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Gold: Gold and Savages on New Guinea, World's Second Largest Island, 3 ills., Mar. 30, 1942.
Graphite: Graphite for Writing and Fighting, Jan. 25, 1943.
Harbors and Ports: Casablanca, Conference City, Is North Africa's New York, Feb. 15, 1943.
Chittagong, Sea Door for Eastern India, Jan. 18, 1943.
Key Dakar No Longer a Threat to the Americas, Dec. 14, 1942.
Kobe Is Center of Japanese Shipyards and Shipping, 1 ill., Apr. 13, 1942 (Geo-Graphic Brevity).
Lorient, Lair of Axis Submarines, Feb. 15, 1943 (Geo-Graphic Brevity).
Ports of Northwest Italy Cringe Beneath Bombs, Feb. 8, 1943.
Toulon, the Scapa Flow of World War II, Jan. 4, 1943 (Geo-Graphic Brevity).
Hay: Ill.: Albanians carrying hay, Nov. 16, 1942.
Hides: Ill.: Montevideo, Uruguay, Jan. 4, 1943.
Imports and Exports: Balata Gum, Cousin of Gutta Percha, Drafted for Military Service, 1 ill., Nov. 30, 1942 (Geo-Graphic Brevity).
Banned Banana Goes into Partial Eclipse, Feb. 1, 1943.
Belgian Congo Riches on United Nations' Side, Mar. 23, 1942.
Ceylon, Where Japanese Threaten World's Tea Chest, 2 ills., Apr. 27, 1942.
Coffee, Chief U. S. Hot Drink, Known to West Barely 300 Years, Nov. 23, 1942.
From Aztec to Army Ration: Chewing Gum's Progress, 2 ills., Nov. 2, 1942.
Old Paint Brushes Stay on Job as Bristle Imports Stop, Nov. 16, 1942.
Portugal Offers Many Products Used by U. S. in War and Peace, Jan. 4, 1943.
Priorities That Geography Built, 2 ills., Mar. 23, 1942.
Rubber Bond Cements Pan American Relations, 2 ills., Apr. 13, 1942.
Teakettles Sing Around the World in Spite of War, Apr. 20, 1942.
U. S. Has Surpassed Germany in Commerce with Russia, Apr. 20, 1942.
War Drafts Sugar for Double Duty, 2 ills., Mar. 9, 1942.
What Foods for the United States Come from Abroad? 3 ills., Feb. 23, 1942.
Iron and Steel: Blasts of British Bombs Blend with Mighty Roar of the Ruhr, Feb. 1, 1943.
Italy Lacks Raw Materials for War Machine, 1 ill., Jan. 25, 1943 (Geo-Graphic Brevity).
Steel Shortage! And Sponge Iron to the Rescue, Feb. 8, 1943.
Strategic Materials (No. 11): Manganese by the Spoonful for Steel, May 4, 1942.
Why Is Scrap Metal Necessary? Oct. 5, 1942.
Additional ill.: Steel parts of ships on train, Jan. 18, 1943.
Irrigation: Ills.: Air view of irrigation ditches in sugar cane fields, Puerto Rico, Mar. 9, 1942; Air view of drainage ditches, New Guinea, Mar. 30, 1942; Water wheel, China, Oct. 19, 1942.
See also Peoples and Cultures: Dams, *and* Wells.
Lime Kiln: Ill.: St. John, Virgin Islands, Mar. 30, 1942.
Lumbering: Building Materials Join War Effort, Mar. 2, 1942.
Additional ill.: Elephants pushing teak logs in stream, Burma, Mar. 23, 1942.

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Patos Island: *See* South America: Venezuela.
Philippine Islands: Cebu, Second City of the Philippines, May 4, 1942 (Geo-Graphic Brevity).
Fighting Igorots of the Philippines, Mar. 16, 1942.
Japanese Attacked Only Sultanate under U. S. Flag (Sulu Archipelago), 1 ill., Mar. 23, 1942 (Geo-Graphic Brevity).
Rocky Fortress of Corregidor a Philippine Gibraltar, Mar. 2, 1942 (Geo-Graphic Brevity).
Puerto Rico: Ill.: Air view of *Central* Mercedita, Mar. 9, 1942.
Réunion Island: Réunion Island, Isolated Bit of France in Indian Ocean, Jan. 11 1943 (Geo-Graphic Brevity).
Savo Island: Islands in the News, Feb. 1, 1943.
Shikoku Island: *See* Asia: Japan.
Shortland Islands: Islands in the News, Feb. 1, 1943.
Solomon Islands: Islands in the News, Feb. 1, 1943.
Solomon Islands, Where Marines and Japs Clash, Oct. 5, 1942.
Solomons Battlefield of Guadalcanal, 2 ills., Nov. 9, 1942.
Sulu Archipelago: *See* Philippine Islands.
Sumatra: Sumatra Shares War Danger, Mar. 2, 1942.
Additional ill.: Buffalo-drawn two-wheeled carts, Mar. 9, 1942.
Tahiti: French Islands of the Pacific, Mar. 23, 1942.
Additional ill.: Native spreading vanilla seed pods, Feb. 23, 1942.
Timor: Rangoon to Canberra: Capitals Seized or Threatened, Mar. 30, 1942.
Torres Strait Islands: *See* Australia.
Virgin Islands: Virgin Islands Face Second War under U. S. Flag, Mar. 20, 1942.
West Indies: *See* Barbados, Cuba, Patos, Puerto Rico, *and* Virgin Islands.

POLAR REGIONS

General: Convoy Route to Russia Had 24-Hour Daylight, Oct. 19, 1942.
Islands in the News, Feb. 1, 1943.
Riddle of Snowfall Teases Weather Hobbyists, 1 ill., Feb. 8, 1943 (Geo-Graphic Brevity).

GEOGRAPHY, MAPS, AND MAP MAKING

Maps and Map Making: Geographic Maps Lead Fighters Through Enemy Waters, Feb. 8, 1943 (Geo-Graphic Brevity).
New Map of Asia and Europe Covers All Major Battle Grounds, Nov. 30, 1942.
Maps: Egypt (pictorial map), showing Nile River, Oct. 5, 1942; Panama, showing Canal Zone, May 4, 1942; Rhine River, Oct. 12, 1942.
Latin American Series: Argentina, Dec. 7, 1942; Bolivia, Jan. 18, 1943; Brazil, Nov. 30, 1942; Chile, Dec. 14, 1942; Colombia, Feb. 8, 1943; Ecuador, Feb. 1, 1943; Paraguay, Jan. 11, 1943; Peru, Jan. 25, 1943; Uruguay, Jan. 4, 1943.
Additional ill.: Ancient map of Asia, Nov. 30, 1942.

TRANSPORTATION AND COMMUNICATIONS

General: Convoy Route to Russia Had 24-Hour Daylight, Oct. 19, 1942.
Inland Waters Safely Carry U. S. War Supplies, Oct. 26, 1942.
Japan's Rail and Ferry Lifelines, May 18, 1942.
New Allied Life Line Across Africa, Mar. 9, 1942.
World War Spurs Building and Manufacturing in 1942, Jan. 18, 1943.
Airplanes and Aviation: Aviation Cadets Now Can Sprout Their Wings in School, 2 ills., May 18, 1942.
Additional ills.: Building training planes for R. A. F., California, Feb. 23, 1942; Transport planes, La-Guardia Field, New York, May 11, 1942; U. S. Navy patrol bomber, May 11, 1942; Women workers sorting airplane rivets, San Diego, May 11, 1942; Airport terminal, Baghdad, Iraq, Feb. 8, 1943.
Animals: Ills.: Camels: Tunisia, Dec. 14, 1942; Courier for British forces riding, North Africa, Jan. 14, 1943; Drawing bucket from well, French Equatorial Africa, Jan. 11, 1943; Palanquin, Libia, Jan. 25, 1943. Burros and donkeys: Burro-power drill, Bolivia, May 18, 1942; Donkeys, Guatemala, Nov. 2, 1942; Burro loaded with olive oil cans, Lisbon, Portugal, Jan. 4, 1943. Elephants: Pushing teak logs, Burma, Mar. 23, 1942; Perahera celebration, Ceylon, Apr. 27, 1942. Horses: Pulling wagons of sugar beets, Utah, Mar. 9, 1942; British Honduras, May 18, 1942; Pulling ancient Egyptian chariot (painting), Oct. 5, 1942; Plowing, Morocco, Nov. 23, 1942; Gaucho on horse, Argentina, Dec. 7, 1942. Mules: Pulling wagonload of cork, Seville, Spain, Mar. 23, 1942; Loading, with bananas, Panama, Feb. 1, 1943. Oxen: Hauling carts, Madagascar, May 11, 1942; Drawing dumpcart, Amboina, Feb. 23, 1942. Water buffalo drawing cart, Sumatra, Mar. 9, 1942. Zebus drawing cart, Góa, India, May 4, 1942.
See also Commerce, Industry, and Agriculture: Cattle raising; Sheep and sheep raising; *and* Natural History: Animals.
Automobiles: Ills.: Air view of automobile body plant, Adelaide, Mar. 16, 1942; Plowing with automobile-tractor, New York, May 11, 1942; On road to Kilauea crater, Hawaii, Apr. 13, 1942; Burma Road, May 18, 1942; On highway at Batrun, Levant States, Oct. 26, 1942; On mountain highway, Turkey, Feb. 15, 1943.
Boats and Ships: Ills.: Loading Edam cheeses on freighter, Alkmaar, Netherlands, Feb. 23, 1942; Native sailing boat (*lalatoi*), New Guinea, Mar. 30, 1942; Snake charmer on board ship, Ceylon, Apr. 27, 1942; Ship going through Panama Canal, May 4, 1942; Sailing ships, Góa, India, May 4, 1942; Russian tankers, Caspian Sea, Oct. 5, 1942; Ship, North Cape, Norway, Oct. 19, 1942; Boat on shore, St. Lawrence River; Marine landing party, Nov. 9, 1942; Ship, Fiji Islands, Nov. 23, 1942; Ship, Algiers, Nov. 30, 1942; Ship parts, Jan. 18, 1943; Fishing boats, Lake of Garda, Italy, Jan. 25, 1943.
Bridges: Suchiate River Gets Anti-Submarine Bridge, Jan. 25, 1943 (Geo-Graphic Brevity).
Additional ills.: Railway bridge, Fuji River, Japan, May 18, 1942; Hangchow, China, Oct. 19, 1942; Aqueduct bridge, Rio de Janeiro, Brazil, Nov. 30, 1942; Viscas Bridge, Peru, Jan. 25, 1943.
Busses: Ill.: Air-conditioned bus, Baghdad, Iraq, Feb. 8, 1943.
Canals: Pirate-Fighting Panama Strengthens Defenses, 1 ill., 1 map, May 4, 1942.
Additional ill.: Grand Canal, Hangchow, China, Oct. 19, 1942.
Canoes: Ills.: Dugout canoes, Lake Pátzcuaro, Mexico, Mar. 2, 1942; Solomon Islands, Nov. 9, 1942. Outrigger canoe, Marshall Islands, Mar. 2, 1942. Burmese canoe, Mar. 23, 1942; War canoe, Solomon Islands, Oct. 5, 1942.
Carts and Wagons: Ills.: Handcarts, Sète, France, Mar. 2, 1942; Ox-drawn dumpcart, Amboina, Feb. 23, 1942; Two-wheel carts, Sumatra, Mar. 9, 1942; Wagonload of cork, Seville, Spain, Mar. 23, 1942; Pulling barrel of molasses on "spider," Barbados, Feb. 1, 1943.
Chariots: Ill.: Ancient Egyptian chariot (painting), Oct. 5, 1942.
Escalators: Ill.: Subway escalator, Buenos Aires, Argentina, Dec. 7, 1942.
Highways and Roads: Alaska-Canada Highway To Open a New "Last Frontier," 2 ills., Apr. 27, 1942.
Georgian Military Road—130 Miles of Scenery and Danger, Nov. 23, 1942.
India Road to China, a Burma Road Substitute, Mar. 16, 1942.
New Allied Life Line Across Africa, Mar. 9, 1942.
World War Spurs Building and Manufacturing in 1942, Jan. 18, 1943.
Additional ills.: Road to Kilauea crater, Hawaii, Apr. 13, 1942; Burma Road, May 18, 1942; Batrun, Levant States, Oct. 26, 1942; mountain highway, Turkey, Feb. 15, 1943.
Motorcycles: Ill.: Courier for British forces riding motorcycle in desert, North Africa, Jan. 4, 1943.
Pipe Lines: Iraq, Arabian Nights Land, a Moslem Ally for United Nations, Feb. 8, 1943.
World War Spurs Building and Manufacturing in 1942, Jan. 18, 1943.

Costumes and Clothing—*Continued*
States, Oct. 26, 1942. Shepherds: Peruvian shepherdess, Mar. 2, 1942; Shepherd wearing poncho, Bolivia, Jan. 18, 1943. Koreans (2 ills.), Nov. 9, 1942. Veiled women, Algiers, Nov. 30, 1942. Woman of desert nomad tribe, Sahara Desert, Dec. 7, 1942.
Dams: World War Spurs Building and Manufacturing in 1942, Jan. 18, 1943.
See also Commerce, Industry, and Agriculture: Irrigation.
Dancers and Dancing: Ill.: Nashi priests, China, Feb. 1, 1943.
Dwellings: Building Materials Join the War Effort, Mar. 2, 1942.
Mysteries of Ancient American History Solved, 2 ills., Mar. 16, 1942.
Oddities of Tunisia, Jan. 4, 1943.
War Homes Make Changes in Nation's Landscape, Mar. 16, 1942.
Additional ills.: Huts: Fiji Islands, Nov. 23, 1942; Bolivia, Jan. 18, 1943; Madagascar, Oct. 12, 1942; New Guinea (air view), Mar. 30, 1942; Jungle village, Sumatra, Mar. 2, 1942; Tinguéré, Africa, Mar. 9, 1942. Mud-and-wattle house, Belgian Congo, Mar. 23, 1942; Half-underground winter home, Aleutian Islands, May 11, 1942; Tananarive, Madagascar, May 11, 1942; Native home, British Honduras, May 18, 1942; Camp in jungle, Guatemala, Nov. 2, 1942; Korean home, Nov. 9, 1942; Djerba (island), Tunisia, Dec. 14, 1942; Home of Columbus, Genoa, Italy, Feb. 8, 1943.
Education: Ills.: Russian school, Oct. 12, 1942; Outdoor class in agriculture, U. S. S. R., Jan. 11, 1943.
Eskimos: *See* Races and Tribes: Aleuts.
Expeditions and Exploration: Mysteries of Ancient American History Solved, 2 ills., Mar. 16, 1942.
Peru, Home of Empire Builders (reference to National Geographic Society-Yale University expedition), 2 ills., 1 map, Jan. 25, 1943.
Scientists Kept Digging in 1942, Jan. 18, 1943.
Additional ill.: Dr. and Mrs. Mann visiting jungle village, Sumatra, on National Geographic Society-Smithsonian Institution East Indies Expedition, Mar. 2, 1942.
Flags: Ills.: Chile, Dec. 14, 1942; Uruguay, Jan. 4, 1943.
Food: ABC's of Vitamins for Victory, May 4, 1942.
Romans Ate Sandwiches, Too, Jan. 4, 1943 (Geo-Graphic Brevity).
Tin Can: A Trash-to-Treasure Success Story, Apr. 13, 1942.
What Foods for the United States Come from Abroad? 3 ills., Feb. 23, 1942.
Additional ills.: Family eating rice, Thailand, Apr. 20, 1942; Aviation Cadets at mealtime, Randolph Field, May 18, 1942; Chinese food, Nov. 16, 1942; preparing sago flour, Papua, Feb. 15, 1943.
See also Commerce, Industry, and Agriculture: Bananas, Butter, Cacao, Cheese, Coffee, Fish and Fishing, Maté, Molasses, Peanuts, Pineapples, Rice, Salt, Sugar, Tea, Vanilla, *and* Natural History: Fruit.
Forts and Fortresses: Rocky Fortress of Corregidor a Philippine Gibraltar, Mar. 2, 1942 (Geo-Graphic Brevity).
Additional ill.: Ancient Indian fortress, Sacsahuaman, Peru, Jan. 25, 1943.
Guns: What Do You Know about Tanks? 2 ills., Nov. 23, 1942.
Additional ill.: Forging gun, Germany, Feb. 1, 1943.
See also Commerce, Industry, and Agriculture: Ammunition.
Handicrafts: Ills.: Women weaving with hand loom, Northern Ireland, Feb. 23, 1942; Hopi Indian painting pottery, New Mexico, Mar. 16, 1942; Native women making pottery, Belgian Congo, Mar. 23, 1942.
Holidays, Celebrations, and Customs: Christmas Comes with the Kings, South of the Border, Dec. 14, 1942.
Soviet Union to Observe 25th "Independence Day," Nov. 9, 1942 (Geo-Graphic Brevity).
Additional ills.: Perahera procession, Ceylon, Apr. 27, 1942; Bridal palanquin, Libia, Jan. 25, 1943.
Indians: Ecuador: Equator Land of Ice and Volcanic Fire, 2 ills., 1 map, Feb. 1, 1943.
Mysteries of Ancient American History Solved, 2 ills., Mar. 16, 1942.
Peru, Home of Empire Builders, 2 ills., 1 map, Jan. 25, 1943.
Scientists Kept Digging in 1942, Jan. 18, 1943.
Additional ills.: Tarascan Indian, Lake Pátzcuaro, Mexico, Mar. 2, 1942; Hopi Indian painting pottery, New Mexico, Mar. 16, 1942; Tehuana Indian women, Tehuantepec, Mexico, Apr. 20, 1942; Indian boys, Yukon, Apr. 27, 1942; Indians on horseback, Dec. 14, 1942; Bolivia, Jan. 18, 1943.
Lighthouse: Ill.: Ruins of Roman lighthouse, Dover, England, Apr. 27, 1942.
Marines: Happy Birthday!—Tell It to the Marines, Nov. 9, 1942.
U. S. Naval History Once Was Made at Tripoli, Jan. 18, 1943.
Music and Musicians: Ill.: Native band, Fiji Islands, Nov. 23, 1942.
National Geographic Magazine: Casein Can Make Miss Muffet a Modern Glamor Girl (reference to paper used in National Geographic Magazine), Jan. 11, 1943.
National Geographic Society: Banned Banana Goes into Partial Eclipse (reference to National Geographic Society expeditions to Central America), Feb. 1, 1943.
Geographic Maps Lead Fighters Through Enemy Waters, Feb. 8, 1943 (Geo-Graphic Brevity).
Mysteries of Ancient American History Solved, 2 ills., Mar. 16, 1942.
New Map of Asia and Europe Covers All Major Battle Grounds, Nov. 30, 1942.
Peru, Home of Empire Builders (reference to National Geographic Society-Yale University expedition), 2 ills., 1 map, Jan. 25, 1943.
Additional ills.: Dr. and Mrs. Mann visiting jungle village, Sumatra, on National Geographic Society-Smithsonian Institution East Indies Expedition, Mar. 2, 1942; National Geographic Society-Smithsonian Institution expedition unearthing tomb, La Venta, Mexico, Jan. 18, 1943.
Pearl Divers: Ill.: Bahrein Islands, Nov. 2, 1942.
Pencils: Graphite for Writing and Fighting, Jan. 25, 1943.
Population: Defense Cities, Splitting at Seams, Report Population Boom, Feb. 23, 1942.
Prisons: Japan's Prison Island for Americans, May 4, 1942 (Geo-Graphic Brevity).
Additional ill.: Ile Royale, French Guiana, Feb. 23, 1942.
Pyramids: Ill.: Pyramids of Giza, Egypt, Oct. 5, 1942.
Races and Tribes: Fighting Igorots of the Philippines, Mar. 16, 1942.
Gold and Savages on New Guinea, World's Second Largest Island, 3 ills., Mar. 30, 1942.
Oddities of Tunisia, Jan. 4, 1943.
People of Pacified Papua, New Guinea's Southeast Quarter, 2 ills., Feb. 15, 1943.
Varied Peoples of India, 3 ills., Apr. 20, 1942.
Additional ills.: Aleuts, Aleutian Islands, May 11, 1942; Oct. 19, 1942. Arabs: Libia, Jan. 11, 1943; Pearl divers, Bahrein Islands, Nov. 2, 1942. Copts, Eritrea, Oct. 19, 1942. Chinese (2 ills.), Nov. 16, 1942. Filipinas, Hawaii, Nov. 23, 1942. Koreans, Nov. 9, 1942. Moslems: Tunisia, May 4, 1942; Moslem children, Delhi, India, Jan. 18, 1943. Nashi priests, China, Feb. 1, 1943. Natives: Spreading vanilla seed pods, Tahiti, Feb. 23, 1942; On outrigger canoe, Marshall Islands, Mar. 2, 1942; Carrying pig, Bali, Mar. 9, 1942; Children in doorway of home, Cameroons, Africa, Mar. 9, 1942; Woman making pottery, Belgian Congo, Mar. 23, 1942; Fishing under water, Sulu Archipelago, Mar. 23, 1942; Solomon Islands, Oct. 5, 1942; (2 ills.) Nov. 9, 1942; Medicine man, Madagascar, Oct. 12, 1942; Fiji Islanders, Nov. 23, 1942; Carrying sacks of peanuts, Dakar, Sénégal, Dec. 14, 1942; New Guinea, Mar. 30, 1942; Jan. 4, 1943. Thailand family eating rice, Apr. 20, 1942.
See also Indians.
Religions: Bombs May Disturb Strange Parsi Funeral Rites, Nov. 2, 1942 (Geo-Graphic Brevity).
Varied Peoples of India, 3 ills., Apr. 20, 1942.
Additional ills.: Buddhas, Paingu Caves, Burma, Mar. 23, 1942; Wooden idols with pig jawbones, New Hebrides, Dec. 14, 1942; Moslem children wearing fezzes, Delhi, India, Jan. 18, 1943; Nashi priests dancing before religious banners on outdoor altar, China, Feb. 1, 1943.
Sailors: Ills.: Sailors and marines, Nov. 9, 1942; U. S. sailor, Shanghai, China, Nov. 16, 1942.
Sculpture: Ills.: Jaguar altar, Mexico, Mar. 16, 1942; Carved marble interior of Jain temple, Rajputana, India, Apr. 20, 1942; Sphinx, Egypt, Oct. 5, 1942; Columns of ancient temple and carved figure, Mexico, Nov. 2, 1942; Ancient carved-stone statue, Colombia, Feb. 8, 1943.
Sewing Machine: Ill.: Boy playing with sewing machine, Djibouti, French Somaliland, Jan. 25, 1943.

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Manganese: Strategic Materials (No. 11): Manganese by the Spoonful for Steel, May 4, 1942.
Markets and Venders: Ills.: Hat vender, Ecuador, Nov. 16, 1942; Fez, Morocco, Dec. 7, 1942; Arabs, Bengasi, Libia, Jan. 11, 1943; Olive oil peddler with burro, Lisbon, Portugal, Jan. 4, 1943; Meat market, Tripoli Libia, Jan. 18, 1943.
See also Bazaars.
Maté: Ill.: Gaucho drinking maté, Argentina, Dec. 7, 1942; Smoking yerba maté leaves, Paraguay, Jan. 11, 1943.
Metals: Strategic Materials from Latin America Aid U. S. War Economy, May 18, 1942.
Why Is Scrap Metal Necessary? Oct. 5, 1942.
See also Aluminum, Copper, Gold, Iron and Steel, Manganese, Nickel, Platinum, Silver, *and* Tin.
Milk: Casein Can Make Miss Muffet a Modern Glamor Girl, Jan. 11, 1943.
Mines and Minerals: Americans in New Caledonia Are Far from Home, May 18, 1942.
Cornwall's Tin "Pixies" to Help United Nations, 1 ill., Oct. 5, 1942 (Geo-Graphic Brevity).
Mountain-Tiered Bolivia, Mineral War Chest, 2 ills., 1 map, Jan. 18, 1943.
Ribbon-Shaped Chile, the Three-in-One Republic, 2 ills., 1 map, Dec. 14, 1942.
Strategic Materials from Latin America Aid U. S. War Economy, May 18, 1942.
Yunnan, China's Back Door Province of Mines and Magic, Feb. 1, 1943.
Additional ill.: Copper mine, Chile, Mar. 23, 1942.
See also Celestite, Diamonds, Graphite, Metals, *and* Quartz crystal.
Molasses: Ill.: Pulling barrel of molasses on "spider," Barbados, Feb. 1, 1943.
Nickel: War Takes Nickel out of "Nickel," Pinches Pennies, Mar. 30, 1942.
Oil: Gasoline a Young Problem Child of Old Oil Industry, Jan. 25, 1943 (Geo-Graphic Brevity).
Oil-Thirsty Australia Reaches Across Oceans for Fuel, Feb. 8, 1943 (Geo-Graphic Brevity).
Petroleum Is a Stake in Burma, Apr. 27, 1942 (Geo-Graphic Brevity).
Russian Oil, Magnet of the Caucasus, Oct. 5, 1942.
Santa Elena Peninsula in Ecuador's Oil Area, New U. S. Base, Nov. 16, 1942.
Additional ill.: Oil geologist, New Guinea, Nov. 16, 1942.
See also Transportation: Pipe Lines.
Paper: Waste Paper Goes to War, Apr. 27, 1942.
Additional ill.: Planting pineapples in paper, Hawaii, Apr. 13, 1942.
Peanuts: Peanuts Volunteer for Front-Line Duty, Apr. 27, 1942.
Additional ill.: Native carrying sack of peanuts, Dakar, Sénégal, Dec. 14, 1942.
Pigs: Old Paint Brushes Stay on Job as Bristle Imports Stop, Nov. 16, 1942.
Additional ills.: Native carrying pig, Bali, Mar. 9, 1942; Pigs on Iowa farm, Nov. 16, 1942; Idols wearing jawbones of pigs, New Hebrides, Dec. 14, 1942.
Pineapples: Ill.: Planting, in paper, Hawaii, Apr. 13, 1942.
Plastics: Casein Can Make Miss Muffet a Modern Glamor Girl, Jan. 11, 1943.
Platinum: Ill.: Nuggets, Apr. 20, 1942.
Power Plant: Ill.: Power plant, Lake of Garda, Italy, Jan. 25, 1943.
Priorities: Priorities That Geography Built, 2 ills., Mar. 23, 1942.
See also individual items.
Quartz Crystal: Strategic Materials (No. 12): Quartz Crystal, Robot Boss of Radio, 2 ills., May 11, 1942.
Rayon: Conservation from Head to Heel Saves Clothing from Afar, Mar. 9, 1942.
Rice: Japan Now Controls the Orient's Export Rice, 1 ill., Apr. 20, 1942 (Geo-Graphic Brevity).
Rubber: Rubber Bond Cements Pan American Relations, 2 ills., Apr. 13, 1942.
Salt: Ill.: Natives carrying salt, Eritrea, Oct. 19, 1942.
Sheep and Sheep Raising: Ills.: Earmarking sheep, Argentina, Mar. 9, 1942; Shepherds, Caucasus Mountains, Nov. 23, 1942; Drying sheepskins, Chile, Dec. 14, 1942.
See also Peoples and Cultures: Shepherds.
Silk: Silk Salvage Completes a Stocking Cycle, Nov. 30, 1942.
Silver: War Takes Nickel out of "Nickel," Pinches Pennies, Mar. 30, 1942.
Steel: *See* Iron and Steel.
Sugar: War Drafts Sugar for Double Duty, 2 ills., Mar. 9, 1942.
Tea: Ceylon, Where Japanese Threaten World's Tea Chest, 2 ills., Apr. 27, 1942.
Teakettles Sing Around the World in Spite of War, Apr. 20, 1942.
Tin: Cornwall's Tin "Pixies" to Help United Nations, 1 ill., Oct 5, 1942 (Geo-Graphic Brevity).
Tin Can: A Trash-to-Treasure Success Story, Apr. 13, 1942.
Additional ills.: Drilling for tin ore, Bolivia, May 18, 1942; Women sorting tin ore, Bolivia, Jan. 18, 1943.
Vanilla: Ills.: Native spreading seed pods, Tahiti, Feb. 23, 1942; Vanilla vine, Oct. 12, 1942.
Wool: Conservation from Head to Heel Saves Clothing from Afar, Mar. 9, 1942.

PEOPLES AND CULTURES

General: Scientists Keep Digging in 1942, Jan. 18, 1943.
Altars: Ills.: Jaguar altar, Mexico, Mar. 16, 1942; Nashi priests dancing before outdoor altar, China, Feb. 1, 1943.
Archeology: Mysteries of Ancient American History Solved, 2 ills., Mar. 16, 1942.
Scientists Kept Digging in 1942, Jan. 18, 1943.
Additional ills.: Temple columns and carved figure, Mexico, Nov. 2, 1942; Ancient carved-stone statue, Colombia, Feb. 8, 1943.
Beauty Shops: Ill.: Street beauty shops, Hong Kong, Nov. 16, 1942.
Castles and Palaces: Ills.: Georgian castle, Caucasus Mountains, Nov. 23, 1942; Norman castle, Dover, England, Apr. 27, 1942.
Children: Ills.: Aleut children, Aleutian Islands, May 11, 1942; Oct. 19, 1942. Boy playing with sewing machine, Djibouti, French Somaliland, Jan. 25, 1943. Child in underground home, Tunisia, Jan. 4, 1943. Chinese children, Nov. 16, 1942. Family eating rice, Thailand, Apr. 20, 1942. Indian children: Aymará Indian baby, Bolivia, Jan. 18, 1943; Indian baby dressed up in parka, Yukon, Apr. 27, 1942. Korean children, Nov. 9, 1942. Moslem children wearing fezzes, Delhi, India, Jan. 18, 1943. Native children: Boy opening coconut, Apataki Island, Mar. 23, 1942; In doorway of home, Cameroons, Africa, Mar. 9, 1942; New Caledonia, May 18, 1942; New Hebrides, Dec. 14, 1942; Sumatra, Mar. 2, 1942. Russian school children, Oct. 12, 1942.
Churches, Mosques, and Temples: Ills.: Cave temple, Paingu Caves, Burma, Mar. 23, 1942; Temple attendant, Benares, India, Apr. 20, 1942; Interior of Jain temple, Rajputana, India, Apr. 20, 1942; Ancient temple, Mexico, Nov. 2, 1942; Interior of cathedral, Trondheim, Norway, Nov. 2, 1942.
Coins: War Takes Nickel out of "Nickel," Pinches Pennies, Mar. 30, 1942.
Additional ill.: Ancient money in shape of fishhooks, nails, rings, and tree, Mar. 30, 1942.
Commandos: Commandos Raid Channel Steppingstone, Isle of Sark, Nov. 2, 1942.
Dieppe Was Geography Problem for Commandos, Oct. 5, 1942 (Geo-Graphic Brevity).
Costumes and Clothing: Casein Can Make Miss Muffet a Modern Glamor Girl, Jan. 11, 1943.
Conservation from Head to Heel Saves Clothing from Afar, Mar. 9, 1942.
Sikhs Had a Word for It: Khaki, 1 ill., Jan. 4, 1943 (Geo-Graphic Brevity).
Silk Salvage Completes a Stocking Cycle, Nov. 30, 1942.
Veils for Moslem Women Still Important in North Africa, 1 ill., Dec. 7, 1942 (Geo-Graphic Brevity).
Additional ills.: Aviation Cadets, Randolph Field, Texas, May 18, 1942. Hair arrangements: Natives, New Guinea, Jan. 4, 1943; Natives wearing fishnet hairnet, New Guinea, Mar. 30, 1942. Hats: Hat vender, Ecuador, Nov. 16, 1942; Women mine workers wearing straw hats, Bolivia, Jan. 18, 1943; Native wearing bamboo hat, Bali, Mar. 9, 1942; Highlanders, Eritrea, Oct. 19, 1942. Indians: Tehuana Indian women, Mexico, Apr. 20, 1942; Indian baby dressed up in parka, Yukon, Apr. 27, 1942. Moslems: Moslem children wearing fezzes, Delhi, India, Jan. 18, 1943; Moslems wearing burnooses, Tunisia, May 4, 1942; Negroes in Moslem dress, Libia, Jan. 18, 1943. Natives' dress: Native girl wearing *lamba*, Madagascar, Oct. 12, 1942; Native girls wearing tapa cloth *sulus* (sarongs), Fiji Islands, Nov. 23, 1942; Grass skirts, Marshall Islands, Mar. 2, 1942. Phoenician women, Levant

Shepherds: Ills.: Peruvian shepherdess, Mar. 2, 1942; Ingush shepherds, Caucasus Mountains, Nov. 23, 1942; Shepherd wearing poncho, Bolivia, Jan. 18, 1943.
Soldiers: Ills.: Cadets drilling, Japan, Apr. 13, 1942; Soldiers from India, Egypt, Oct. 5, 1942; Chinese soldiers, Hangchow, China, Oct. 19, 1942; U. S. soldiers and tank, Nov. 23, 1942.
See also Commandos.
Sports and Games: Ills.: Skiing, Mt. Buffalo, Australia, Mar. 16, 1942; Mountain climbing, Caucasus Mountains, Nov. 2, 1942.
Tombs: Ill.: Unearthing stockade tomb, La Venta, Mexico, Jan. 18, 1943.
Toys: Ills.: Rubber toys in Walt Disney characters, Apr. 13, 1942; Toy Mexican straw horse, Dec. 14, 1942.
Vitamins: ABC's of Vitamins for Victory, May 4, 1942.
War Booms Shark Fishing, 1 ill., Oct. 19, 1942 (Geo-Graphic Brevity).
Weapons: Ills.: Igorot spear and head ax, Philippine Islands, Mar. 16, 1942; Natives with bows and arrows, New Guinea, Mar. 30, 1942.
See also Guns, *and* Commerce, Industry, and Agriculture: Ammunition.
Wells: Ill.: Native sinking well in desert, French Equatorial Africa, Jan. 11, 1943.
Women War Workers: Women at Work: How Aunt America Helps Uncle Sam Fight, 2 ills., May 11, 1942.

NATURAL HISTORY

Animals: Madagascar Landscape a Freak Show of Nature, 2 ill., Oct. 12, 1942.
Old Paint Brushes Stay on Job as Bristle Imports Stop, Nov. 16, 1942.
Additional ills.: Dogs: In jungle village, Sumatra, Mar. 2, 1942; Argentina, Dec. 7, 1942. Llamas, Peru, Mar. 2, 1942; Jan. 25, 1943. Native carrying pig, Bali, Mar. 9, 1942; Camels, Fezzan, Mar. 30, 1942; Caribou swimming Yukon River; Snake charmer with cobra and mongoose, Ceylon, Apr. 27, 1942; Turtle, Galapagos Islands, Oct. 12, 1942; Horses and cows in sight of outdoor class in agriculture, U. S. S. R., Jan. 11, 1943; Meat market, Tripoli, Libia, Jan. 18, 1943; Ocelot, Ecuador, Feb. 1, 1943.
See also Commerce, Industry, and Agriculture: Pigs; Sheep and sheep raising; *and* Transportation: Animals.
Birds: Ills.: Sheep-eating parrot (*kea*), New Zealand, Apr. 13, 1942; Packing baby chicks in paper cartons, Virginia, Apr. 27, 1942; Natives with cassowary, Papua, Feb. 15, 1943.
Cacti: Ills.: Giant cardon cacti, Baja, California, Mar. 9, 1942; Cacti, Galapagos Islands, Oct. 12, 1942.
Fish: *See* Commerce, Industry, and Agriculture: Fish and Fishing.
Fruit: Ills.: Native boy opening coconut, Apataki Island, Mar. 23, 1942; Grapefruit tree, May 4, 1942; Fruit cluster of oil palm, Oct. 26, 1942.
See also Commerce, Industry, and Agriculture: Bananas, *and* Pineapples.
Trees: Madagascar Landscape a Freak Show of Nature, 2 ills., Oct. 12, 1942.
Additional ills.: Tree-ferns, Hawaii, Apr. 13, 1942; Grapefruit tree, Texas, May 4, 1942; Cacao tree, Oct. 12, 1942; Fruit cluster of oil palm, Oct. 26, 1942; Balata tree, Nov. 30, 1942; Orange trees with protection against ants, Brazil, Nov. 30, 1942; Date palms, Tunisia, Dec. 14, 1942; Banana trees, Panama, Feb. 1, 1943; preparing sago flour from sago palm, Papua, Feb. 15, 1943.

PHYSICAL GEOGRAPHY

Caves: Ill.: Cave temple, Paingu Caves, Burma, Mar. 23, 1942.
Cliffs: Ills.: North Cape, Norway, Oct. 19, 1942; Channel Islands, Nov. 2, 1942; Owen Stanley Mountains, New Guinea, Oct. 26, 1942.
Deserts: Exploring French North Africa's Desert Reaches, Dec. 7, 1942.
Libian Desert Dwellers Plug Noses Against the Khamsin, 1 ill., May 11, 1942 (Geo-Graphic Brevity).
Additional ills.: Couriers for British forces, North Africa, Jan. 4, 1943; Native sinking well in desert, French Equatorial Africa, Jan. 11, 1943.
Glacier: Chalaat Glacier, Caucasus Mountains, Nov. 2, 1942.
Lakes: Chad, Mid-African French Colony, Named for "Breathing" Lake, Jan. 11, 1943.
Exploring French North Africa's Desert Reaches, Dec. 7, 1942.
Additional ills.: Lake Pátzcuaro, Mexico, Mar. 2, 1942; Lake of Garda, Italy, Jan. 25, 1943.
Lava: Ill.: Lava mounds, Galapagos Islands, Oct. 12, 1942.
Mountains: Frosty Caucasus Wall, Russia's Mountain Rampart, 2 ills., Nov. 2, 1942.
Owen Stanley Mountains a Jungle Battleground, Oct. 26, 1942.
Additional ills.: Andes Mountains: Copper mine, Mar. 23, 1942; Peru, Jan. 25, 1943; Peak of Ausangate, Peru, Mar. 2, 1942; Himalayas, Asia, Mar. 16, 1942; Mount Kazbek, Caucasus Mountains, Nov. 23, 1942; Toros Mountains, Turkey, Feb. 15, 1943.
Oases: Ills.: Fezzan, Libia, Mar. 30, 1942; Meat market, Tripoli, Libia, Jan. 18, 1943.
Rain Forest: Ill.: New Guinea, Nov. 16, 1942.
Rivers: Egypt: An Innocent Bystander Embroiled (Nile River), 2 ills., 1 map, Oct. 5, 1942.
St. Lawrence Waters Exceed Great Lakes in Area, 1 ill., Nov. 9, 1942 (Geo-Graphic Brevity).
Additional ills.: Salween River gorge through Himalayas, Mar. 16, 1942; Caribou swimming Yukon River, Apr. 27, 1942; Fuji River, Japan, May 18, 1942; Laloki River waterfalls, New Guinea, Oct. 26, 1942; Angara River, U. S. S. R., Oct. 26, 1942; Sepik River, New Guinea, Nov. 16, 1942; Ziz River, Morocco, Dec. 7, 1942.
See also Transportation: Rivers.
Snow: Riddle of Snowfall Teases Weather Hobbyists, 1 ill., Feb. 8, 1943 (Geo-Graphic Brevity).
Volcanoes: Ecuador: Equator Land of Ice and Volcanic Fire, 2 ills., 1 map, Feb. 1, 1943.
Additional ill.: Mount Fuji, Japan, May 18, 1942.
Waterfalls: Ill.: Rona Falls, New Guinea, Oct. 26, 1942.
Weather: Exploring French North Africa's Desert Reaches, Dec. 7, 1942.
Flat Russia's Winter Sweeps Far South, Oct. 26, 1942.
Oddities of Tunisia, Jan. 4, 1943.
Rain Hampers Both Sides in New Guinea Battles, Nov. 16, 1942.
Riddle of Snowfall Teases Weather Hobbyists, 1 ill., Feb. 8, 1943 (Geo-Graphic Brevity).
See also Winds.
Winds: Libian Desert Dwellers Plug Noses Against the Khamsin, 1 ill., May 11, 1942 (Geo-Graphic Brevity).
Monsoon Lords It over Asiatic Battlefields, 1 ill., May 18, 1942 (Geo-Graphic Brevity).

SCIENCE

Chemistry: Casein Can Make Miss Muffet a Modern Glamor Girl, Jan. 11, 1943.
Engineering: World War Spurs Building and Manufacturing in 1942, Jan. 18, 1943.
Machinery, Instruments, Etc.: Graphite for Writing and Fighting, Jan. 25, 1943.
Women at Work: How Aunt America Helps Uncle Sam Fight, 2 ills., May 11, 1942.
Additional ills.: Manganese steel in drop forge, May 4, 1942; "Burner" using acetylene torch, Oct. 5, 1942; Oil geologist surveying, New Guinea, Nov. 16, 1942.
Radio: Strategic Materials (No. 12): Quartz Crystal, Robot Boss of Radio, 2 ills., May 11, 1942.

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